

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 APR 04 Web Page for STN Seminar Schedule - N. America
NEWS 2 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 3 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 4 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 5 APR 28 IMRSEARCH reloaded with enhancements
NEWS 6 MAY 30 INPAFAMDB now available on STN for patent family searching
NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 9 JUN 06 KOREPAT updated with 41,000 documents
NEWS 10 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 11 JUN 19 CAS REGISTRY includes selected substances from web-based collections
NEWS 12 JUN 25 CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 13 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 14 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 15 JUN 30 STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17 JUL 28 CA/CAplus patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register
NEWS 19 JUL 28 IFICDB, IFIPAT, and IFIUDL reloaded with enhancements
NEWS 20 JUL 28 STN Viewer performance improved
NEWS 21 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 23 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 24 AUG 15 CAplus currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 27 SEP 18 Support for STN Express, Versions 6.01 and earlier, to be discontinued

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:23:38 ON 23 SEP 2008

```
=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
                               SINCE FILE      TOTAL
                               ENTRY      SESSION
0.21                      0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGH, EMBRAI, EMBRASE' ENTERED AT 18:24:19 ON 23 SEP 2008
```

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF

=> s colostrum(p)fraction? and work capacity and IGF-1 and ultrafiltration and centrifug? and drying

ENTITLED: and flying
0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN

19 FILES SEARCHED...

0*	FILE ESBIOBASE
0*	FILE FOMAD
0*	FILE FOREGE
0*	FILE FROSTI
0*	FILE FSTA

34 FILES SEARCHED...
0* FILE KOSMET
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PUMPMANI

0- FILE FINDER

54 FILES SEARCHED...

67 FILES SEARCHED

0 FILES HAVE ONE OR MORE ANSWERS. 69 FILES SEARCHED IN STNINDEX

L1 QUE COLOSTRUM(P) FRACTION? AND WORK CAPACITY AND IGF-1 AND ULTRAFILTRATION AND CENTRIFUG? AND DRYING

=> d hist

(FILE 'HOME' ENTERED AT 18:23:38 ON 23 SEP 2008)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHBBS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOGZ, DRUGU, EMBASE, ...' ENTERED AT 18:24:19 ON 23 SEP 2008
SEA COLOSTRUM(P)FRACTION? AND WORK CAPACITY AND IGF-1 AND ULTRAF

```
0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECH
0* FILE BIOTECHI
0* FILE BIOTECHN
0* FILE CEABA-VT
0* FILE CIN
0* FILE ESBIOBAS
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE NUTRACEU
0* FILE PASCAL
0* FILE PHARMAD
0* FILE WATER
```

QUE COLOSTRUM(B) FRACTION2 AND WORK CAPACITY AND IGE-1 AND ULTRASOUND

STN INTERNATIONAL LOGOFF AT 18:28:32 ON 23 SEP 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1	Web Page for STN Seminar Schedule - N. America
NEWS 2	JAN 12 Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS 3	JAN 25 Annual Reload of MEDLINE database
NEWS 4	FEB 16 STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS 5	FEB 16 Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS 6	FEB 16 New FASTA Display Formats Added to USGENE and PCTGEN
NEWS 7	FEB 16 INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS 8	FEB 16 INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS 9	APR 02 CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 10	APR 02 PATDRAFT: Application and priority number formats enhanced
NEWS 11	APR 02 DWPI: New display format ALLSTR available
NEWS 12	APR 02 New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 13	APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 14	APR 07 CA/Capplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS 15	APR 07 50,000 World Traditional Medicine (WTM) Patents Now Available in Capplus
NEWS 16	APR 07 MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 20:06:39 ON 06 MAY 2010

=> s colostrum(p) retentate and casein and growth(p) factor?

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDHS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSICI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:07:42 ON 06 MAY 2010

63 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s colostrum(p)retentate and casein and growth(p)factor?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDHS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN

23 FILES SEARCHED...
0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
20 FILE USPATFULL

56 FILES SEARCHED...
2 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

4 FILES HAVE ONE OR MORE ANSWERS, 63 FILES SEARCHED IN STNINDEX

L1 QUE COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

=> file uspatfull uspat2
COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 1.38 1.82

FILE 'USPATFULL' ENTERED AT 20:08:52 ON 06 MAY 2010
CA INDEXING COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 20:08:52 ON 06 MAY 2010
CA INDEXING COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 11
L2 22 L1

=> dup rem 12
PROCESSING COMPLETED FOR L2
L3 22 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 13 1-22

L3 ANSWER 1 OF 22 USPATFULL on STN
AN 2010:103931 USPATFULL
TI METHODS OF IMMUNE OR HAEMATOLOGICAL ENHANCEMENT, INHIBITING TUMOUR
FORMATION OR GROWTH, AND TREATING OR PREVENTING CANCER

IN Kanwar, Jagat Rakesh, Geelong, AUSTRALIA
 Krissansen, Geoffrey Wayne, Palmerston North, NEW ZEALAND
 PI US 20100092497 A1 20100415
 AI US 2007-520521 A1 20071221 (12)
 WO 2007-NZ389 20071221
 20091211 PCT 371 date
 PRAI NZ 2006-552316 20061222
 DT Utility
 FS APPLICATION
 LN.CNT 2994
 INCL INCLM: 424/184.100
 INCLS: 514/012.000
 NCL NCLM: 424/184.100
 NCLS: 514/012.000
 IC IPCI A61K0038-40 [I,A]; A61K0039-00 [I,A]

 L3 ANSWER 2 OF 22 USPATFULL on STN
 AN 2009:53159 USPATFULL
 TI COMPOSITIONS OF CIS-9, TRANS-11 CONJUGATED LINOLEIC ACID AND VACCENIC
 ACID AND USES THEREOF
 IN Kanwar, Rupinder Kaur, Geelong, AUSTRALIA
 Krissansen, Geoffrey Wayne, Auckland, NEW ZEALAND
 Black, Peter Nigel, Auckland, NEW ZEALAND
 MacGibbon, Alastair Kenneth Hugh, Palmerston North, NEW ZEALAND
 PA FONTERA CORPORATE RESEARCH AND DEVELOPMENT LIMITE, Auckland, NEW
 ZEALAND (non-U.S. corporation)
 FONTERA LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)
 AUCKLAND UNISERVICES LIMITED, Auckland, NEW ZEALAND (non-U.S.
 corporation)
 PI US 20090048339 A1 20090219
 AI US 2006-93307 A1 20061110 (12)
 WO 2006-NZ289 20061110
 20081013 PCT 371 date
 PRAI NZ 2005-543486 20051110
 DT Utility
 FS APPLICATION
 LN.CNT 1406
 INCL INCLM: 514/560.000
 NCL NCLM: 514/560.000
 IC IPCI A61K0031-201 [I,A]; A61K0031-185 [I,C*]; A61P0011-08 [I,A];
 A61P0011-06 [I,A]; A61P0011-12 [I,A]; A61P0011-00 [I,C*];
 A61P0017-00 [I,A]; A61P0017-06 [I,A]
 IPCR A61K0031-185 [I,C]; A61K0031-201 [I,A]; A61P0011-00 [I,C];
 A61P0011-06 [I,A]; A61P0011-08 [I,A]; A61P0011-12 [I,A];
 A61P0017-00 [I,C]; A61P0017-00 [I,A]; A61P0017-06 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 22 USPAT2 on STN
 AN 2004:26080 USPAT2
 TI Nuclear transfer embryo formation method
 IN Overstrom, Eric W., Grafton, MA, UNITED STATES
 Fischer Russell, Daniela, Guelph, CANADA
 PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)
 PI US 7612250 B2 20091103
 AI US 2002-208653 20020729 (10)
 DT Utility
 FS GRANTED
 LN.CNT 2132
 INCL INCLM: 800/024.000
 INCLS: 435/325.000
 NCL NCLM: 800/024.000; 800/021.000
 NCLS: 435/325.000; 435/455.000

IC IPCI C12N0015-85 [ICM,7]
IPCI-2 C12N0015-00 [I,A]; C12N0005-00 [I,A]; C12N0005-02 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; C12N0005-00 [I,C];
C12N0005-00 [I,A]; C12N0005-02 [I,C]; C12N0005-02 [I,A];
C12N0015-87 [I,C*]; C12N0015-87 [I,A]
EXF 800/3; 800/8; 800/21; 800/24; 435/325
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 22 USPAT2 on STN
AN 2005:167233 USPAT2
TI Mammalian telophase oocyte enucleation
IN Baguisi, Alexander, Grafton, MA, UNITED STATES
Overstrom, Eric W., Grafton, MA, UNITED STATES
PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)
PI US 7592503 B2 20090922
AI US 2004-913013 20040806 (10)
RLI Continuation of Ser. No. US 1999-432906, filed on 2 Nov 1999, Pat. No.
US 6781030
PRAI US 1999-149317P 19990817 (60)
US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS GRANTED
LN.CNT 2151
INCL INCLM: 800/024.000
NCLM: 800/024.000; 800/021.000
NCLS: 514/449.000; 514/629.000
IC IPCI A01K0067-027 [ICM,7]; A61K0031-337 [ICS,7]; A61K0031-16 [ICS,7]
IPCI-2 C12N0015-00 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; A01K0067-027 [I,C*];
A01K0067-027 [I,A]; A61K0038-00 [N,C*]; A61K0038-00 [N,A];
C07K0014-81 [I,C*]; C07K0014-81 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12N0015-87 [I,C*]; C12N0015-87 [I,A]
EXF 800/24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 22 USPATFULL on STN
AN 2008:361558 USPATFULL
TI High Pressure Processing of Bioactive Compositions
IN Carroll, Timothy Joseph, Palmerston North, NEW ZEALAND
Patel, Hasmukh Ambalal, Palmerston North, NEW ZEALAND
Gonzalez-Martin, Miguel Alejandro, Hamburg, GERMANY, FEDERAL REPUBLIC OF
Dekker, James William, Palmerston North, NEW ZEALAND
Collett, Michael Anthony, Palmerston North, NEW ZEALAND
Lubbers, Marc William, Palmerston North, NEW ZEALAND
PI US 20080317823 A1 20081225
AI US 2006-908106 A1 20060308 (11)
WO 2006-NZ39 20060308
20080206 PCT 371 date
PRAI NZ 2005-538671 20050308
NZ 2005-544408 20051223
DT Utility
FS APPLICATION
LN.CNT 2512
INCL INCLM: 424/439.000
NCLM: 424/439.000
IC IPCI A61K0047-46 [I,A]
IPCR A61K0047-46 [I,C]; A61K0047-46 [I,A]
L3 ANSWER 6 OF 22 USPATFULL on STN
AN 2008:190068 USPATFULL

TI High Pressure Processing of Metal Ion Lactoferrin
IN Palmano, Kay Patricia, Palmerston North, NEW ZEALAND
Carroll, Timothy Joseph, Palmerston North, NEW ZEALAND
Patel, Hasmukh Ambalal, Palmerston North, NEW ZEALAND
Gonzalez-Martin, Miguel Alejandro, Reilingen, GERMANY, FEDERAL REPUBLIC
OF
Elgar, David Francis, Palmerston North, NEW ZEALAND
PA Fonterra-Co-operative Group Limited, Auckland, NEW ZEALAND (non-U.S.
corporation)
PI US 20080166466 A1 20080710
AI US 2006-908107 A1 20060308 (11)
WO 2006-NZ38 20060308
20080206 PCT 371 date
PRAI NZ 2005-538671 20050308
NZ 2005-544408 20051223
DT Utility
FS APPLICATION
LN.CNT 2292
INCL INCLM: 426/573.000
INCLS: 426/522.000; 426/580.000; 426/583.000
NCL NCLM: 426/573.000
NCLS: 426/522.000; 426/580.000; 426/583.000
IC IPCI A23L0001-05 [I,A]; A23L0003-00 [I,A]; A23C0009-154 [I,A];
A23C0009-152 [I,C*]; A23C0021-00 [I,A]
IPCR A23L0001-05 [I,C]; A23L0001-05 [I,A]; A23C0009-152 [I,C];
A23C0009-154 [I,A]; A23C0021-00 [I,C]; A23C0021-00 [I,A];
A23L0003-00 [I,C]; A23L0003-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 22 USPATFULL on STN
AN 2008:72751 USPATFULL
TI Methods and products related to the transfer of molecules from blood to
the mammary gland
IN Meade, Harry M., Newton, MA, UNITED STATES
Pollock, Daniel, Medway, MA, UNITED STATES
PA GTC Biotherapeutics, Inc., Framingham, MA, UNITED STATES, 01702 (U.S.
corporation)
PI US 20080063780 A1 20080313
AI US 2007-788775 A1 20070420 (11)
PRAI US 2006-745287P 20060421 (60)
DT Utility
FS APPLICATION
LN.CNT 1744
INCL INCLM: 426/580.000
INCLS: 800/014.000; 800/007.000
NCL NCLM: 426/580.000
NCLS: 800/007.000; 800/014.000
IC IPCI A01K0067-027 [I,A]; A23C0009-154 [I,A]; A23C0009-152 [I,C*];
C12P0021-00 [I,A]
IPCR A01K0067-027 [I,C]; A01K0067-027 [I,A]; A23C0009-152 [I,C];
A23C0009-154 [I,A]; C12P0021-00 [I,C]; C12P0021-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 22 USPATFULL on STN
AN 2006:210496 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PA GTC-Biotherapeutics, Inc. (U.S. corporation)
PI US 20060179500 A1 20060810
AI US 2006-403633 A1 20060413 (11)
RLI Division of Ser. No. US 2002-137618, filed on 2 May 2002, PENDING

Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED

PRAI US 1998-89918P 19980619 (60)

DT Utility

FS APPLICATION

LN.CNT 1465

INCL INCLM: 800/014.000
INCLS: 800/021.000

NCL NCLM: 800/014.000
NCLS: 800/021.000

IC IPCI A01K0067-027 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 22 USPATFULL on STN

AN 2006:17558 USPATFULL

TI Nuclear transfer embryo formation method

IN Overstrom, Eric W., Grafton, MA, UNITED STATES
Russell, Daniela Fischer, Sio Paulo, CANADA

PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)

PI US 20060015950 A1 20060119

AI US 2005-45872 A1 20050128 (11)

RLI Continuation of Ser. No. WO 2003-US23464, filed on 29 Jul 2003, PENDING
Continuation-in-part of Ser. No. US 2002-208653, filed on 29 Jul 2002,
PENDING

DT Utility

FS APPLICATION

LN.CNT 2204

INCL INCLM: 800/006.000
INCLS: 800/014.000

NCL NCLM: 800/006.000
NCLS: 800/014.000

IC IPCI A01K0067-027 [I,A]
IPCR A01K0067-027 [I,A]; A01K0067-027 [I,C]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 22 USPATFULL on STN

AN 2005:185082 USPATFULL

TI Transgenically produced decorin

IN Meade, Harry M., Newton, MA, UNITED STATES
Pierschbacher, Michael, San Diego, CA, UNITED STATES

PA GTC Biotherapeutics, Inc. (U.S. corporation)

PI US 20050160483 A1 20050721

AI US 2004-11927 A1 20041214 (11)

RLI Division of Ser. No. US 2001-849657, filed on 4 May 2001, PENDING

PRAI US 2000-201932P 20000505 (60)

DT Utility

FS APPLICATION

LN.CNT 2207

INCL INCLM: 800/006.000
INCLS: 514/012.000

NCL NCLM: 800/006.000
NCLS: 514/012.000

IC [7]
ICM A61K038-17
ICS A01K0067-027

IPCI A61K0038-17 [ICM,7]; A01K0067-027 [ICS,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; A61K0038-17 [I,C*]; A61K0038-17 [I,A];
A61P0017-00 [I,C*]; A61P0017-02 [I,A]; A61P0035-00 [I,C*];
A61P0035-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A];
C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*];

C12N0015-85 [I,A]; C12P0021-02 [I,C*]; C12P0021-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 22 USPATFULL on STN
AN 2005:167233 USPATFULL
TI Methods for cloning animals
IN Baguisi, Alexander, Grafton, MA, UNITED STATES
Overstrom, Eric W., Grafton, MA, UNITED STATES
PA Trustees of Tufts College (U.S. corporation)
PI US 20050144663 A1 20050630
US 7592503 B2 20090922
AI US 2004-913013 A1 20040806 (10)
RLI Continuation of Ser. No. US 1999-432906, filed on 2 Nov 1999, GRANTED,
Pat. No. US 6781030
PRAI US 1999-149317P 19990817 (60)
US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS APPLICATION
LN.CNT 1789
INCL INCLM: 800/021.000
INCLS: 514/449.000; 514/629.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 514/449.000; 514/629.000
IC [7]
ICM A01K067-027
ICS A61K031-337; A61K031-16
IPCI A01K0067-027 [ICM,7]; A61K0031-337 [ICS,7]; A61K0031-16 [ICS,7]
IPCI-2 C12N0015-00 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; A01K0067-027 [I,C*];
A01K0067-027 [I,A]; A61K0038-00 [N,C*]; A61K0038-00 [N,A];
C07K0014-81 [I,C*]; C07K0014-81 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12N0015-87 [I,C*]; C12N0015-87 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 22 USPATFULL on STN
AN 2004:263326 USPATFULL
TI Transgenically produced decorin
IN Meade, Harry M., Newton, MA, UNITED STATES
Pierschbacher, Michael, San Diego, CA, UNITED STATES
PI US 20040205832 A1 20041014
AI US 2001-849657 A1 20010504 (9)
PRAI US 2000-201932P 20000505 (60)
DT Utility
FS APPLICATION
LN.CNT 2286
INCL INCLM: 800/007.000
INCLS: 514/012.000
NCL NCLM: 800/007.000
NCLS: 514/012.000
IC [7]
ICM A61K038-17
ICS A01K067-027
IPCI A61K0038-17 [ICM,7]; A01K0067-027 [ICS,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; A61K0038-17 [I,C*]; A61K0038-17 [I,A];
A61P0017-00 [I,C*]; A61P0017-02 [I,A]; A61P0035-00 [I,C*];
A61P0035-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A];
C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12P0021-02 [I,C*]; C12P0021-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 22 USPATFULL on STN
AN 2004:26080 USPATFULL
TI Nuclear transfer embryo formation method
IN Overstrom, Eric W., Grafton, MA, UNITED STATES
Fischer, Daniela, Guelph, CANADA
PA The Trustees of Tufts College, Medford, MA, UNITED STATES (U.S.
corporation)
PI US 20040019924 A1 20040129
US 7612250 B2 20091103
AI US 2002-208653 A1 20020729 (10)
DT Utility
FS APPLICATION
LN.CNT 1889
INCL INCLM: 800/021.000
INCLS: 435/455.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 435/325.000; 435/455.000
IC [7]
ICM C12N015-85
IPCI C12N0015-85 [ICM,7]
IPCI-2 C12N0015-00 [I,A]; C12N0005-00 [I,A]; C12N0005-02 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; C12N0005-00 [I,C];
C12N0005-00 [I,A]; C12N0005-02 [I,C]; C12N0005-02 [I,A];
C12N0015-87 [I,C*]; C12N0015-87 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 22 USPATFULL on STN
AN 2004:211566 USPATFULL
TI Methods for cloning mammals using telophase oocytes
IN Baguisi, Alexander, Grafton, MA, United States
Overstrom, Eric W., Grafton, MA, United States
PA Trustee of Tufts College, Ballou Hall, Medford, MA, United States (U.S.
corporation)
PI US 6781030 B1 20040824
AI US 1999-432906 19991102 (9)
PRAI US 1999-149317P 19990817 (60)
US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS GRANTED
LN.CNT 2144
INCL INCLM: 800/024.000
INCLS: 800/008.000; 800/014.000; 435/377.000
NCL NCLM: 800/024.000
NCLS: 435/377.000; 800/008.000; 800/014.000
IC [7]
ICM C12N015-00
IPCI C12N0015-00 [ICM,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; C07K0014-81 [I,C*]; C07K0014-81 [I,A];
C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]
EXF 800/8; 800/14; 800/24; 435/377
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 22 USPATFULL on STN
AN 2003:252722 USPATFULL
TI Transgenic and cloned mammals
IN Echelard, Yann, Jamaica Plain, MA, UNITED STATES
Behbodi, Esmail, Shrewsbury, MA, UNITED STATES

Ziomek, Carol, Milford, MA, UNITED STATES
Gavin, William, Dudley, MA, UNITED STATES
Melican, David, Fiskdale, MA, UNITED STATES
PI US 20030177513 A1 20030918
AI US 2003-423792 A1 20030425 (10)
RLI Division of Ser. No. US 1999-431842, filed on 2 Nov 1999, PENDING
PRAI US 1998-106728P 19981102 (60)
US 1999-131328P 19990426 (60)
DT Utility
FS APPLICATION
LN.CNT 2675
INCL INCLM: 800/014.000
INCLS: 800/021.000
NCL NCLM: 800/014.000
NCLS: 800/021.000
IC [7]
ICM A01K067-027
IPCI A01K067-027 [ICM, 7]
IPCR A01K067-027 [I,C*]; A01K067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; C07K0014-81 [I,C*]; C07K0014-81 [I,A];
C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 22 USPATFULL on STN
AN 2003:5416 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PI US 20030005468 A1 20030102
AI US 2002-137618 A1 20020502 (10)
RLI Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED
PRAI US 1998-89918P 19980619 (60)
DT Utility
FS APPLICATION
LN.CNT 1548
INCL INCLM: 800/007.000
INCLS: 800/021.000; 800/015.000
NCL NCLM: 800/007.000
NCLS: 800/015.000; 800/021.000
IC [7]
ICM A01K067-027
IPCI A01K067-027 [ICM, 7]
IPCR A01K067-027 [I,C*]; A01K067-027 [I,A]; C12N0015-63 [I,C*];
C12N0015-63 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 22 USPATFULL on STN
AN 2002:188153 USPATFULL
TI Method of treating colostrum
IN Ehsani, Neda, Espoo, FINLAND
Hemminki, Ari, Helsinki, FINLAND
PA Novatreat Oy, Turku, FINLAND (non-U.S. corporation)
PI US 6426109 B1 20020730
AI US 2000-577335 20000523 (9)
PRAI FI 1999-1186 19990525
DT Utility
FS GRANTED
LN.CNT 405
INCL INCLM: 426/580.000
INCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000

NCL NCLM: 426/580.000
NCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000
IC [7]
 ICM A23C021-00
 IPCI A23C0021-00 [ICM,7]
 IPCR A23C0009-14 [I,A]; A23C0009-00 [I,C*]; A23C0009-142 [I,A];
 A23C0009-20 [I,A]; A23L0001-30 [I,C*]; A23L0001-30 [I,A];
 A61K0035-20 [I,C*]; A61K0035-20 [I,A]; A61P0003-00 [I,C*];
 A61P0003-02 [I,A]; B01D0061-14 [I,C*]; B01D0061-14 [I,A];
 B01D0071-00 [I,C*]; B01D0071-34 [I,A]
EXF 426/580; 426/583; 426/478; 426/490; 426/491; 210/634; 210/649; 210/650;
 210/651; 530/365; 530/366

L3 ANSWER 18 OF 22 USPATFULL on STN
AN 93:31203 USPATFULL
TI Hypoallergenic milk products from natural and/or synthetic components
and process of making
IN Girsh, Leonard S., South Palm Beach, FL, United States
PA Immuno Path Profile, Inc., Melrose Park, PA, United States (U.S.
corporation)
PI US 5204134 19930420
AI US 1991-754782 19910904 (7)
RLI Continuation-in-part of Ser. No. US 1990-562777, filed on 3 Aug 1990,
now patented, Pat. No. US 5064674 which is a continuation-in-part of
Ser. No. US 1989-297451, filed on 13 Jan 1989, now patented, Pat. No. US
4954361
DT Utility
FS Granted
LN.CNT 1314
INCL INCLM: 426/580.000
INCLS: 426/491.000; 426/583.000; 426/585.000; 426/656.000; 426/660.000;
 426/801.000
NCL NCLM: 426/580.000
NCLS: 426/491.000; 426/583.000; 426/585.000; 426/656.000; 426/660.000;
 426/801.000
IC [5]
 ICM A23C009-142
 ICS A23C009-20
 IPCI A23C0009-142 [ICM,5]; A23C0009-20 [ICS,5]; A23C0009-00 [ICS,5,C*]
 IPCR A23C0009-00 [I,C*]; A23C0009-142 [I,A]; A23C0009-15 [I,A];
 A23C0011-00 [I,C*]; A23C0011-06 [I,A]; A23L0001-304 [I,C*];
 A23L0001-304 [I,A]
EXF 426/491; 426/580; 426/583; 426/585; 426/656; 426/660; 426/801

L3 ANSWER 19 OF 22 USPATFULL on STN
AN 93:12331 USPATFULL
TI Hypoallergenic milk products and process of making
IN Girsh, Leonard S., Melrose Park, PA, United States
PA Immuno Path Profile, Inc., Huntingdon Valley, PA, United States (U.S.
corporation)
PI US 5186971 19930216
AI US 1991-754782 19910904 (7)
RLI Continuation of Ser. No. US 1990-562777, filed on 3 Aug 1990, now
patented, Pat. No. US 5064674 which is a continuation-in-part of Ser.
No. US 1989-297451, filed on 13 Jan 1989, now patented, Pat. No. US
4954361
DT Utility
FS Granted
LN.CNT 948
INCL INCLM: 426/580.000
INCLS: 426/491.000; 426/583.000; 426/585.000; 426/656.000
NCL NCLM: 426/580.000

NCCLS: 426/491.000; 426/583.000; 426/585.000; 426/656.000
IC [5]
ICM A23C009-15
IPCI A23C0009-15 [ICM,5]; A23C0009-00 [ICM,5,C*]
IPCR A23C0009-00 [I,C*]; A23C0009-142 [I,A]; A23C0009-15 [I,A];
A23C0011-00 [I,C*]; A23C0011-06 [I,A]; A23L0001-304 [I,C*];
A23L0001-304 [I,A]
EXF 426/491; 426/580; 426/583; 426/585; 426/656

L3 ANSWER 20 OF 22 USPATFULL on STN
AN 92:38192 USPATFULL
TI Hypoallergenic butter and process of making
IN Girsh, Leonard S., Melrose Park, PA, United States
PA Immunopath Profile, Inc., Melrose Park, PA, United States (U.S.
corporation)
PI US 5112636 19920512
AI US 1990-562776 19900803 (7)
RLI Division of Ser. No. US 1989-297451, filed on 13 Jan 1989, now patented,
Pat. No. US 4954361
DT Utility
FS Granted
LN.CNT 553
INCL INCLM: 426/581.000
INCLS: 426/530.000; 426/586.000; 426/607.000; 426/663.000; 426/664.000
NCL NCLM: 426/581.000
NCLS: 426/530.000; 426/586.000; 426/607.000; 426/663.000; 426/664.000
IC [5]
ICM A23C015-04
IPCI A23C0015-04 [ICM,5]; A23C0015-00 [ICM,5,C*]
IPCR A23C0009-00 [I,C*]; A23C0009-142 [I,A]; A23C0011-00 [I,C*];
A23C0011-06 [I,A]
EXF 426/330.2; 426/581; 426/530; 426/586; 426/603; 426/607; 426/663; 426/664

L3 ANSWER 21 OF 22 USPATFULL on STN
AN 91:92373 USPATFULL
TI Hypoallergenic milk products and process of making
IN Girsh, Leonard S., Melrose Park, PA, United States
PA Immunopath Profile, Inc., Melrose Park, PA, United States (U.S.
corporation)
PI US 5064674 19911112
AI US 1990-562777 19900803 (7)
RLI Continuation-in-part of Ser. No. US 1989-297451, filed on 13 Jan 1989,
now patented, Pat. No. US 4954361
DT Utility
FS Granted
LN.CNT 867
INCL INCLM: 426/580.000
INCLS: 426/491.000; 426/585.000; 426/801.000
NCL NCLM: 426/580.000
NCLS: 426/491.000; 426/585.000; 426/801.000
IC [5]
ICM A23C009-142
IPCI A23C0009-142 [ICM,5]; A23C0009-00 [ICM,5,C*]
IPCR A23C0009-00 [I,C*]; A23C0009-142 [I,A]; A23C0011-00 [I,C*];
A23C0011-06 [I,A]
EXF 426/491; 426/580; 426/583; 426/585; 426/801

L3 ANSWER 22 OF 22 USPATFULL on STN
AN 90:69589 USPATFULL
TI Hypoallergenic milk products and process of making
IN Girsh, Leonard S., Melrose Park, PA, United States
PA Immunopath Profile, Inc., Melrose Park, PA, United States (U.S.

corporation)
PI US 4954361 19900904
AI US 1989-297451 19890113 (7)
DT Utility
FS Granted
LN.CNT 619
INCL INCLM: 426/580.000
INCLS: 426/491.000; 426/583.000; 426/585.000
NCL NCLM: 426/580.000
NCLS: 426/491.000; 426/583.000; 426/585.000
IC [5]
ICM A23C009-00
ICS A23C011-00; A23C021-00
IPCI A23C009-00 [ICM,5]; A23C0011-00 [ICS,5]; A23C0021-00 [ICS,5]
IPCR A23C009-00 [I,C*]; A23C009-142 [I,A]; A23C0011-00 [I,C*];
A23C0011-06 [I,A]
EXF 426/491; 426/580; 426/583; 426/585

=> d 13 22 ab

L3 ANSWER 22 OF 22 USPATFULL on STN

AB A hypoallergenic milk which has the flavor and smell of natural whole mammalian milk is disclosed herein. The hypoallergenic milk is preferably made from the ultrafiltrated permeate of cow's milk, which is substantially free of cow's milk protein and fat. The permeate is supplemented with, among other things, hypoallergenic protein and fat to meet the minimum daily nutritional requirements for milk.

=> d 13 22 kwic

L3 ANSWER 22 OF 22 USPATFULL on STN

SUMM . . . It is used not only in cooking and baking, but it is included in hidden ways as well. For example, casein, caseinate milk solids, whey, whey solids, and lactalbumin are milk products which are components of cookies, cheeses, ice cream, butter. . .

SUMM . . . produced by the acid process which imitates the stomach's digestive process by utilizing hydrochloric acid to break up proteins, e.g. casein, has an objectionable smell and taste.

SUMM U.S. Pat. No. 4,402,938 discloses a food and method for making same from colostrum and milk. In this process, the udder of an ungulate is stimulated with an antigen-like material so that the food factor of the whey is enhanced. The enhanced milk is subsequently ultrafiltered. The retentate is discarded and the permeate is saved. Preservatives are added to the milk/colostrum prior to ultrafiltration.

DRWD Lane 2--Whole cow's milk. (BSA"=bovine serum albumin; "CN"=casein; " β -Lg"= α -lactalbumin; " α -LA= α -lactalbumin)

DETD . . . following milk proteins are trapped by the ultrafiltration membrane (molecular weights are noted in parenthesis): alpha lactalbumin (14 kDa); kappa casein (23 kDa); beta casein (24 kDa); beta lactoglobulin (37 kDa); bovine serum albumin (65 kDa); and immunoglobulins (>100 kDa). These milk proteins are considered. . .

DETD . . . hypoallergenic milk which is intended for infants, who require a single source of protein, or children and adolescents with important growth factor requirements. Cereal hypoallergenic protein sources can be used in the hypoallergenic milk for adults. For example, if a multiple source. . .

DETD . . . of alpha lactalbumin, beta lactoglobulin and bovine serum albumin, the remaining nitrogen content in the permeate being non-protein material. Neither casein, nor its various

fragments known as the gamma caseins, were present in the permeate, as established by gel electrophoresis.

DETD The treatment of the invention effectively removes casein, gamma caseins, and all immunoglobulins. The trace amounts of the other proteins remaining in the permeate are heat denatured by. . .

DETD . . . of the dialysate, which is sensitive to 30 ng protein, revealed no protein. It is significant to note that neither casein, nor its peptide fragments known as the gamma caseins, were present in the permeate, as established by gel electrophoresis.

DETD A moderately hypoallergenic milk product may be prepared from casein-free sweet whey. The latter is a commercially available by-product of cheese manufacture. Removal of casein, which is resistant to heat denaturation, allows the sweet whey to serve as the basis for a moderately hypoallergenic milk product. Accordingly, commercially available casein-free sweet whey, which is substantially free of casein, is heated to substantially completely denature the non-casein protein contained in the whey. Heat treatment at about 170° F. for about 30 minutes will generally be sufficient. Heat treatment results in the substantial denaturation of the non-casein proteins remaining in the whey, which proteins are generally heat denaturable. The heat-treated whey product may be optionally filtered through an about 500-600 angstrom millipore filter to ensure complete removal of all casein. The heat-treated whey is then supplemented with hypoallergenic protein and hypoallergenic fat, in the same manner as the various permeates. . .

DETD The resulting milk product prepared from casein-free sweet whey may be less hypoallergenic than the products prepared from whole milk permeates. However, the whey-based product finds utility. . .

DETD The hypoallergenicity of the whey-based product may be enhanced by first passing the sweet casein-free whey through a highly efficient filter, such as a Koch-ABCOR polysulfone 1 or 2 kDa ultrafilter, or dialyzing the sweet. . .

=> d 13 22 ab

L3 ANSWER 22 OF 22 USPATFULL on STN

AB A hypoallergenic milk which has the flavor and smell of natural whole mammalian milk is disclosed herein. The hypoallergenic milk is preferably made from the ultrafiltrated permeate of cow's milk, which is substantially free of cow's milk protein and fat. The permeate is supplemented with, among other things, hypoallergenic protein and fat to meet the minimum daily nutritional requirements for milk.

=> d hist

(FILE 'HOME' ENTERED AT 20:06:39 ON 06 MAY 2010)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:07:42 ON 06 MAY 2010
SEA COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO

0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
20 FILE USPATFULL
2 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WINDEX
L1 QUE COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

FILE 'USPATFULL, USPAT2' ENTERED AT 20:08:52 ON 06 MAY 2010
L2 22 S L1
L3 22 DUP REM L2 (0 DUPLICATES REMOVED)

=> s 13 and muscle
L4 12 L3 AND MUSCLE

=> d 14 1-12

L4 ANSWER 1 OF 12 USPATFULL on STN
AN 2009:53159 USPATFULL
TI COMPOSITIONS OF CIS-9, TRANS-11 CONJUGATED LINOLEIC ACID AND VACCENIC
ACID AND USES THEREOF
IN Kanwar, Rupinder Kaur, Geelong, AUSTRALIA
Kriessansen, Geoffrey Wayne, Auckland, NEW ZEALAND
Black, Peter Nigel, Auckland, NEW ZEALAND
MacGibbon, Alastair Kenneth Hugh, Palmerston North, NEW ZEALAND
PA FONTERRA CORPORATE RESEARCH AND DEVELOPMENT LIMITE, Auckland, NEW
ZEALAND (non-U.S. corporation)
FONTERRA LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)
AUCKLAND UNISERVICES LIMITED, Auckland, NEW ZEALAND (non-U.S.
corporation)
PI US 20090048339 A1 20090219
AI US 2006-93307 A1 20061110 (12)
WO 2006-NZ289 20061110
20081013 PCT 371 date
PRAI NZ 2005-543486 20051110
DT Utility
FS APPLICATION
LN.CNT 1406
INCL INCLM: 514/560.000
NCL NCLM: 514/560.000
IC IPCI A61K0031-201 [I,A]; A61K0031-185 [I,C*]; A61P0011-08 [I,A];
A61P0011-06 [I,A]; A61P0011-12 [I,A]; A61P0011-00 [I,C*];
A61P0017-00 [I,A]; A61P0017-06 [I,A]
IPCR A61K0031-185 [I,C]; A61K0031-201 [I,A]; A61P0011-00 [I,C];
A61P0011-06 [I,A]; A61P0011-08 [I,A]; A61P0011-12 [I,A];
A61P0017-00 [I,C]; A61P0017-00 [I,A]; A61P0017-06 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 12 USPATFULL on STN
AN 2006:210496 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PA GTC-Biotherapeutics, Inc. (U.S. corporation)

PI US 20060179500 A1 20060810
AI US 2006-403633 A1 20060413 (11)
RLI Division of Ser. No. US 2002-137618, filed on 2 May 2002, PENDING
Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED
PRAI US 1998-89918P 19980619 (60)
DT Utility
FS APPLICATION
LN.CNT 1465
INCL INCLM: 800/014.000
INCLS: 800/021.000
NCL NCLM: 800/014.000
NCLS: 800/021.000
IC IPCI A01K0067-027 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 12 USPATFULL on STN
AN 2006:17558 USPATFULL
TI Nuclear transfer embryo formation method
IN Overstrom, Eric W., Grafton, MA, UNITED STATES
Russell, Daniela Fischer, Sio Paulo, CANADA
PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)
PI US 20060015950 A1 20060119
AI US 2005-45872 A1 20050128 (11)
RLI Continuation of Ser. No. WO 2003-US23464, filed on 29 Jul 2003, PENDING
Continuation-in-part of Ser. No. US 2002-208653, filed on 29 Jul 2002,
PENDING
DT Utility
FS APPLICATION
LN.CNT 2204
INCL INCLM: 800/006.000
INCLS: 800/014.000
NCL NCLM: 800/006.000
NCLS: 800/014.000
IC IPCI A01K0067-027 [I,A]
IPCR A01K0067-027 [I,A]; A01K0067-027 [I,C]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 12 USPATFULL on STN
AN 2005:185082 USPATFULL
TI Transgenically produced decorin
IN Meade, Harry M., Newton, MA, UNITED STATES
Pierschbacher, Michael, San Diego, CA, UNITED STATES
PA GTC Biotherapeutics, Inc. (U.S. corporation)
PI US 20050160483 A1 20050721
AI US 2004-11927 A1 20041214 (11)
RLI Division of Ser. No. US 2001-849657, filed on 4 May 2001, PENDING
PRAI US 2000-201932P 20000505 (60)
DT Utility
FS APPLICATION
LN.CNT 2207
INCL INCLM: 800/006.000
INCLS: 514/012.000
NCL NCLM: 800/006.000
NCLS: 514/012.000
IC [7]
ICM A61K038-17
ICS A01K067-027
IPCI A61K0038-17 [ICM,7]; A01K0067-027 [ICS,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; A61K0038-17 [I,C*]; A61K0038-17 [I,A];

A61P0017-00 [I,C*]; A61P0017-02 [I,A]; A61P0035-00 [I,C*];
A61P0035-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A];
C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12P0021-02 [I,C*]; C12P0021-02 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 12 USPATFULL on STN
AN 2005:167233 USPATFULL
TI Methods for cloning animals
IN Baguisi, Alexander, Grafton, MA, UNITED STATES
Overstrom, Eric W., Grafton, MA, UNITED STATES
PA Trustees of Tufts College (U.S. corporation)
PI US 20050144663 A1 20050630
US 7592503 B2 20090922
AI US 2004-913013 A1 20040806 (10)
RLI Continuation of Ser. No. US 1999-432906, filed on 2 Nov 1999, GRANTED,
Pat. No. US 6781030
PRAI US 1999-149317P 19990817 (60)
US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS APPLICATION
LN.CNT 1789
INCL INCLM: 800/021.000
INCLS: 514/449.000; 514/629.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 514/449.000; 514/629.000
IC [7]
ICM A01K067-027
ICS A61K031-337; A61K031-16
IPCI A01K0067-027 [ICM,7]; A61K0031-337 [ICS,7]; A61K0031-16 [ICS,7]
IPCI-2 C12N0015-00 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; A01K0067-027 [I,C*];
A01K0067-027 [I,A]; A61K0038-00 [N,C*]; A61K0038-00 [N,A];
C07K0014-81 [I,C*]; C07K0014-81 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12N0015-87 [I,C*]; C12N0015-87 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 12 USPATFULL on STN
AN 2004:263326 USPATFULL
TI Transgenically produced decorin
IN Meade, Harry M., Newton, MA, UNITED STATES
Pierschbacher, Michael, San Diego, CA, UNITED STATES
PI US 20040205832 A1 20041014
AI US 2001-849657 A1 20010504 (9)
PRAI US 2000-201932P 20000505 (60)
DT Utility
FS APPLICATION
LN.CNT 2286
INCL INCLM: 800/007.000
INCLS: 514/012.000
NCL NCLM: 800/007.000
NCLS: 514/012.000
IC [7]
ICM A61K038-17
ICS A01K067-027
IPCI A61K0038-17 [ICM,7]; A01K0067-027 [ICS,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; A61K0038-17 [I,C*]; A61K0038-17 [I,A];
A61P0017-00 [I,C*]; A61P0017-02 [I,A]; A61P0035-00 [I,C*];
A61P0035-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A];

C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12P0021-02 [I,C*]; C12P0021-02 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 12 USPATFULL on STN
AN 2004:211566 USPATFULL
TI Methods for cloning mammals using telophase oocytes
IN Baguisi, Alexander, Grafton, MA, United States
Overstrom, Eric W., Grafton, MA, United States
PA Trustee of Tufts College, Ballou Hall, Medford, MA, United States (U.S.
corporation)
PI US 6781030 B1 20040824
AI US 1999-432906 19991102 (9)
PRAI US 1999-149317P 19990817 (60)
US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS GRANTED
LN.CNT 2144
INCL INCLM: 800/024.000
INCLS: 800/008.000; 800/014.000; 435/377.000
NCL NCLM: 800/024.000
NCLS: 435/377.000; 800/008.000; 800/014.000
IC [7]
ICM C12N015-00
IPCI C12N0015-00 [ICM,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; C07K0014-81 [I,C*]; C07K0014-81 [I,A];
C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]
EXF 800/8; 800/14; 800/24; 435/377
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 12 USPATFULL on STN
AN 2004:26080 USPATFULL
TI Nuclear transfer embryo formation method
IN Overstrom, Eric W., Grafton, MA, UNITED STATES
Fischer, Daniela, Guelph, CANADA
PA The Trustees of Tufts College, Medford, MA, UNITED STATES (U.S.
corporation)
PI US 20040019924 A1 20040129
US 7612250 B2 20091103
AI US 2002-208653 A1 20020729 (10)
DT Utility
FS APPLICATION
LN.CNT 1889
INCL INCLM: 800/021.000
INCLS: 435/455.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 435/325.000; 435/455.000
IC [7]
ICM C12N015-85
IPCI C12N0015-85 [ICM,7]
IPCI-2 C12N0015-00 [I,A]; C12N0005-00 [I,A]; C12N0005-02 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; C12N0005-00 [I,C];
C12N0005-00 [I,A]; C12N0005-02 [I,C]; C12N0005-02 [I,A];
C12N0015-87 [I,C*]; C12N0015-87 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 12 USPATFULL on STN
AN 2003:252722 USPATFULL

TI Transgenic and cloned mammals
IN Echelard, Yann, Jamaica Plain, MA, UNITED STATES
Behbodi, Esmail, Shrewsbury, MA, UNITED STATES
Ziomek, Carol, Milford, MA, UNITED STATES
Gavin, William, Dudley, MA, UNITED STATES
Melican, David, Fiskdale, MA, UNITED STATES
PI US 20030177513 Al 20030918
AI US 2003-423792 Al 20030425 (10)
RLI Division of Ser. No. US 1999-431842, filed on 2 Nov 1999, PENDING
PRAI US 1998-106728P 19981102 (60)
US 1999-131328P 19990426 (60)
DT Utility
FS APPLICATION
LN.CNT 2675
INCL INCLM: 800/014.000
INCLS: 800/021.000
NCL NCLM: 800/014.000
NCLS: 800/021.000
IC [7]
ICM A01K067-027
IPCI A01K0067-027 [ICM,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0038-00 [N,C*];
A61K0038-00 [N,A]; C07K0014-81 [I,C*]; C07K0014-81 [I,A];
C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12N0015-87 [I,C*];
C12N0015-87 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 12 USPATFULL on STN
AN 2003:5416 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PI US 20030005468 Al 20030102
AI US 2002-137618 Al 20020502 (10)
RLI Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED
PRAI US 1998-89918P 19980619 (60)
DT Utility
FS APPLICATION
LN.CNT 1548
INCL INCLM: 800/007.000
INCLS: 800/021.000; 800/015.000
NCL NCLM: 800/007.000
NCLS: 800/015.000; 800/021.000
IC [7]
ICM A01K067-027
IPCI A01K0067-027 [ICM,7]
IPCR A01K0067-027 [I,C*]; A01K0067-027 [I,A]; C12N0015-63 [I,C*];
C12N0015-63 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 12 USPAT2 on STN
AN 2005:167233 USPAT2
TI Mammalian telophase oocyte enucleation
IN Baguisi, Alexander, Grafton, MA, UNITED STATES
Overstrom, Eric W., Grafton, MA, UNITED STATES
PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)
PI US 7592503 B2 20090922
AI US 2004-913013 20040806 (10)
RLI Continuation of Ser. No. US 1999-432906, filed on 2 Nov 1999, Pat. No.
US 6781030
PRAI US 1999-149317P 19990817 (60)

US 1999-131061P 19990426 (60)
US 1999-131328P 19990426 (60)
US 1998-106728P 19981102 (60)
DT Utility
FS GRANTED
LN.CNT 2151
INCL INCLM: 800/024.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 514/449.000; 514/629.000
IC IPCI A01K0067-027 [ICM,7]; A61K0031-337 [ICS,7]; A61K0031-16 [ICS,7]
IPCI-2 C12N0015-00 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; A01K0067-027 [I,C*];
A01K0067-027 [I,A]; A61K0038-00 [N,C*]; A61K0038-00 [N,A];
C07K0014-81 [I,C*]; C07K0014-81 [I,A]; C12N0015-85 [I,C*];
C12N0015-85 [I,A]; C12N0015-87 [I,C*]; C12N0015-87 [I,A]
EXF 800/24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 12 USPAT2 on STN
AN 2004:26080 USPAT2
TI Nuclear transfer embryo formation method
IN Overstrom, Eric W., Grafton, MA, UNITED STATES
Fischer Russell, Daniela, Guelph, CANADA
PA Trustees of Tufts College, Medford, MA, UNITED STATES (U.S. corporation)
PI US 7612250 B2 20091103
AI US 2002-208653 20020729 (10)
DT Utility
FS GRANTED
LN.CNT 2132
INCL INCLM: 800/024.000
INCLS: 435/325.000
NCL NCLM: 800/024.000; 800/021.000
NCLS: 435/325.000; 435/455.000
IC IPCI C12N0015-85 [ICM,7]
IPCI-2 C12N0015-00 [I,A]; C12N0005-00 [I,A]; C12N0005-02 [I,A]
IPCR C12N0015-00 [I,C]; C12N0015-00 [I,A]; C12N0005-00 [I,C];
C12N0005-00 [I,A]; C12N0005-02 [I,C]; C12N0005-02 [I,A];
C12N0015-87 [I,C*]; C12N0015-87 [I,A]
EXF 800/3; 800/8; 800/21; 800/24; 435/325
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hist

(FILE 'HOME' ENTERED AT 20:06:39 ON 06 MAY 2010)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROBPC, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:07:42 ON 06 MAY 2010
SEA COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD

```

0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
20 FILE USPATFULL
2 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX
L1 QUE COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?
-----

FILE 'USPATFULL, USPAT2' ENTERED AT 20:08:52 ON 06 MAY 2010
L2 22 S L1
L3 22 DUP REM L2 (0 DUPLICATES REMOVED)
L4 12 S L3 AND MUSCLE

=> s 14 and work(p)capacity
L5 0 L4 AND WORK(P) CAPACITY

=> d hist

(FILE 'HOME' ENTERED AT 20:06:39 ON 06 MAY 2010)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:07:42 ON 06 MAY 2010
SEA COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?
-----

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
20 FILE USPATFULL
2 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX
L1 QUE COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?
-----

FILE 'USPATFULL, USPAT2' ENTERED AT 20:08:52 ON 06 MAY 2010
L2 22 S L1
L3 22 DUP REM L2 (0 DUPLICATES REMOVED)
L4 12 S L3 AND MUSCLE
L5 0 S L4 AND WORK(P)CAPACITY

=> s 12 and exercise?
L6 0 L2 AND EXERCISE?

```

=> d hist

(FILE 'HOME' ENTERED AT 20:06:39 ON 06 MAY 2010)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROFB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:07:42 ON 06 MAY 2010
SEA COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
20 FILE USPATFULL
2 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE COLOSTRUM(P)RETENTATE AND CASEIN AND GROWTH(P)FACTOR?

FILE 'USPATFULL, USPAT2' ENTERED AT 20:08:52 ON 06 MAY 2010

L2 22 S L1
L3 22 DUP REM L2 (0 DUPLICATES REMOVED)
L4 12 S L3 AND MUSCLE
L5 0 S L4 AND WORK(P)CAPACITY
L6 0 S L2 AND EXERCISE?

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

	SINCE FILE	TOTAL
	ENTRY	SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	56.80	58.62

STN INTERNATIONAL LOGOFF AT 20:14:29 ON 06 MAY 2010

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1	Web Page for STN Seminar Schedule - N. America
NEWS 2	OCT 04
NEWS 3	OCT 06
NEWS 4	OCT 21
NEWS 5	OCT 22
NEWS 6	OCT 28
NEWS 7	NOV 03
NEWS 8	NOV 04
NEWS 9	NOV 18
NEWS 10	NOV 22
NEWS 11	NOV 24
NEWS 12	DEC 14
NEWS 13	DEC 18
NEWS 14	DEC 21
NEWS 15	DEC 22
NEWS 16	JAN 24
NEWS 17	JAN 26
NEWS 18	JAN 26
NEWS 19	JAN 28

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:18:01 ON 31 JAN 2011

=> index bioscience

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.38	1.38
INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 10:21:30 ON 31 JAN 2011		

56 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s colostrum same ultrafiltr? and (spray? or lyophili?) and retentate and growth(p)factor? and IGF-1 and casein

0*	FILE ADISNEWS
0*	FILE ANTE
0*	FILE AQUALINE
0*	FILE BIOENG
0*	FILE BIOTECHABS
0*	FILE BIOTECHDS
0*	FILE BIOTECHNO
0*	FILE CEABA-VTB
0*	FILE CIN

22 FILES SEARCHED...

27 FILES SEARCHED...

0*	FILE FOMAD
0*	FILE FROSTI
0*	FILE FSTA
0*	FILE KOSMET
0*	FILE NTIS
0*	FILE PASCAL

42 FILES SEARCHED...

0*	FILE WATER
----	------------

55 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 56 FILES SEARCHED IN STNINDEX

L1 QUE COLOSTRUM SAME ULTRAFILTR? AND (SPRAY? OR LYOPHILI?) AND RETENTATE AND GROWTH(P)FACTOR? AND IGF-1 AND CASEIN

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.84	4.22

STN INTERNATIONAL LOGOFF AT 10:23:37 ON 31 JAN 2011

Connecting via Winsock to STN at pto-stn on port 23

Welcome to STN International! Enter x:X

LOGINID:ssspt189dxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 NOV 22 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 22 Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS 3 NOV 24 Search an additional 46,850 records with MEDLINE backfile extension to 1946
NEWS 4 DEC 14 New PNK Field Allows More Precise Crossover among STN Patent Databases
NEWS 5 DEC 18 Reaxysfile available on STN
NEWS 6 DEC 21 CAS Learning Solutions -- a new online training experience
NEWS 7 DEC 22 Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAplus
NEWS 8 JAN 24 The new and enhanced DPCI file on STN has been released
NEWS 9 JAN 26 Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS 10 JAN 26 Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS 11 JAN 28 CAB will be updated weekly
NEWS 12 FEB 23 PCTFULL file on STN completely reloaded
NEWS 13 FEB 23 STN AnaVist Test Projects Now Available for Qualified Customers
NEWS 14 FEB 25 LPC1 will be replaced by LDPCI
NEWS 15 MAR 07 Pricing for SELECTing Patent, Application, and Priority Numbers in the USPAT and IFI Database Families is Now Consistent with Similar Patent Databases on STN
NEWS 16 APR 26 Expanded Swedish Patent Application Coverage in CA/CAplus Provides More Current and Complete Information
NEWS 17 APR 28 The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been enhanced with thesauri for the European Patent Classifications
NEWS 18 MAY 02 MEDLINE Improvements Provide Fast and Simple Access to DOI and Chemical Name Information
NEWS 19 MAY 12 European Patent Classification thesauri added to the INPADOC files, PCTFULL, GBFULL and FFRFULL
NEWS 20 MAY 23 Enhanced performance of STN biosequence searches
NEWS 21 MAY 23 Free Trial of the Numeric Property Search Feature in PCTFULL on STN
NEWS 22 JUN 20 STN on the Web Enhanced with New Patent Family Assistant and Updated Structure Plug-In
NEWS 23 JUN 20 INPADOC databases enhanced with first page images
NEWS 24 JUN 20 PATDPA database updates to end in June 2011
NEWS 25 JUN 21 INPADOC: Delay of German patent coverage
NEWS 26 JUN 26 MARPAT Enhancements Save Time and Increase Usability

NEWS EXPRESS 17 DECEMBER 2010 CURRENT WINDOWS VERSION IS V8.4.2 .1,
AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2011.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

SIN operating hours FIDS help desk Availability
Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial

products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 17:46:16 ON 21 JUL 2011

=> index bioscience
COST IN U.S. DOLLARS

SINCE FILE ENTRY 0.23	TOTAL SESSION 0.23
-----------------------------	--------------------------

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROB, CROPU, DDFU, DGENE, DISSABS, DRUGB, DRUGU, EMBAL, EMBASE, ESSIOBASE, ...' ENTERED AT 17:46:29 ON 21 JUL 2011

56 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s ultrafiltration and colostrum and casein and spray(p)dr?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDHS
0* FILE BIOTECHNO

14 FILES SEARCHED

2 FILE CAPLUS
0* FILE CEABA-VTB
0* FILE CIN
0* FILE DDFU

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
15 62 15 85

FILE 'CAPLUS' ENTERED AT 17:59:35 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

Cplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11

L1 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.52	16.37

FILE 'CAPLUS' ENTERED AT 17:59:46 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

Cplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d hist

(FILE 'HOME' ENTERED AT 17:46:16 ON 21 JUL 2011)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 17:46:29 ON 21 JUL 2011
SEA ULTRAFIL? AND COLOSTRUM AND CASEIN AND SPRAY(P)DR?

```
0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
2 FILE CAPLUS
0* FILE CEABA-VTB
0* FILE CIN
0* FILE DDFU
```

FILE 'CAPLUS' ENTERED AT 17:59:35 ON 21 JUL 2011

FILE 'CAPLUS' ENTERED AT 17:59:46 ON 21 JUL 2011

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.52	16.89

FILE 'CAPLUS' ENTERED AT 18:00:26 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

Cplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s ultrafil? and colostrum and casein and spray(p)dr?
49662 ULTRAFIL?
6869 COLOSTRUM
68970 CASEIN
185034 SPRAY
4551423 DR?
67578 SPRAY(P)DR?
L1          2 ULTRAFIL? AND COLOSTRUM AND CASEIN AND SPRAY(P)DR?
=> dup rem l1
```

PROCESSING COMPLETED FOR L1
L2 2 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 12 1-2

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN
 AN 2010:743610 CAPLUS
 DN 153:155334
 TI Industrial separation method of immunoglobulin A, immunoglobulin G, and
 lactoferrin from bovine colostrum
 IN Duan, Xuhuang; Zhao, Hongyu
 PA Harbin Kanpure Dairy Co., Ltd., Peop. Rep. China
 SO Fanning Zhuanyi Shengqing, 10pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI CN 1011724013	A	20100609	CN 2008-10224158	20081024
PRAI CN 2008-10224158				

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN

AN 1994:190217 CAPLUS
DN 120:190217
OREF 120:33661a,33664a
TI Colostrum preparation and storage.
IN Whyte, Peter Bennett Duff
PA Minister of Agriculture, Australia
SO Pat. Specif. (Aust.), 18 pp.
CODEN: ALXXAP

DT Patent
LA English
EAN CNT 1

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	AU 644468	B2	19931209	AU 1991-82527	19910819
	AU 9182527	A	19920220		
PRAI	AU 1990-1811	A	19900817		
OSC.G	2	THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)			

=> d 12 2 ab

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN
AB Colostrum is ultrafiltered to remove its salt content and the ultrafiltered colostrum retentate is spray-dried. The colostrum is not treated with acid and with rennin or pepsin to sep. casein. A hollow fiber ultrafiltration apparatus is used. Ultrafiltration removes mols. of mol. weight <20,000, and removes lactose. The colostrum is pasteurized prior to ultrafiltration. The process further includes separating the colostrum into a light phase and a heavy phase, the light phase being discarded. The separation step takes place prior to pasteurization.

=> FIL STNGUIDE

THE SINGAPORE
COST IN U.S. DOLLARS

SINCE FILE TOTAL

CONTINUATION

ENTRY SESSION

CA SUBSCRIBER PRICE

ENTRY SESSION
-0.87 -0.87

FILE 'STNGUIDE' ENTERED AT 18:03:30 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jul 15, 2011 (20110715/UP).

=> d 12 2 kwic
YOU HAVE REQUESTED DATA FROM FILE 'CPLUS' - CONTINUE? (Y)/N:y

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN
TI Colostrum preparation and storage.
AB Colostrum is ultrafiltered to remove its salt content and the ultrafiltered colostrum retentate is spray-dried. The colostrum is not treated with acid and with rennin or pepsin to sep. casein. A hollow fiber ultrafiltration apparatus is used. Ultrafiltration removes mols. of mol. weight <20,000, and removes lactose. The colostrum is pasteurized prior to ultrafiltration. The process further includes separating the colostrum into a light phase and a heavy phase, the light phase being discarded. The separation step takes place prior to. . .
ST colostrum prep'n storage
IT Colostrum
(preparation of, storage-stable)

```
=> s 12 and IGF?  
L2 CANNOT BE SEARCHED IN STNGUIDE  
The L-number cannot be used because it does not contain a query.  
Enter DISPLAY HISTORY to see the sequence of commands that created  
this L-number
```

=> s 12 and IGF-1
L2 CANNOT BE SEARCHED IN STNGUIDE
The L-number cannot be used because it does not contain a query.
Enter DISPLAY HISTORY to see the sequence of commands that created
this L-number.

```
=> s 12 and exercise
L2 CANNOT BE SEARCHED IN STNGUIDE
The L-number cannot be used because it does not contain a query.
Enter DISPLAY HISTORY to see the sequence of commands that created
this L-number.
```

```
=> file cas
'CAS' IS AN AMBIGUOUS FILE OR CLUSTER NAME
CASLINK           - Linked CAS files (Predefined Search Sequences)
CASRNS            - CAS Registry Numbers Cluster
CA                - The Chemical Abstracts File 1907-present
CASREACT          - The Chemical Abstracts Reaction Search Service
ENTER FILE OR CLUSTER NAME (IGNORE):.
SESSION CONTINUES IN FILE 'STNGUIDE'
```

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.16	39.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.74

FILE 'CAPLUS' ENTERED AT 18:06:53 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

Cplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 12
L3          2 S L2

=> s 13 and IGF?
        46123 IGF?
L4          0 L3 AND IGF?
```

```
=> s 13 and IGF-1
        38024 IGF
        11307735 1
        11524 IGF-1
                  (IGF(W)1)
L5          0 L3 AND IGF-1
```

```
=> s 12 and casein
L6          2 S L2
        68970 CASEIN
L7          2 L6 AND CASEIN
```

```
=> d 17 1-2
```

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN
AN 2010:743610 CAPLUS
DN 153:155334
TI Industrial separation method of immunoglobulin A, immunoglobulin G, and lactoferrin from bovine colostrum

IN Duan, Xuhuang; Zhao, Hongyu
PA Harbin Kanpure Dairy Co., Ltd., Peop. Rep. China
SO Faming Zhuanli Shengqing, 10pp.
CODEN: CNXXEV

DT Patent
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101724013	A	20100609	CN 2008-10224158	20081024
PRAI	CN 2008-10224158		20081024		

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN

AN 1994:190217 CAPLUS

DN 120:190217

OREF 120:33661a,33664a

TI Colostrum preparation and storage.

IN Whyte, Peter Bennett Duff

PA Minister of Agriculture, Australia

SO Pat. Specif. (Aust.), 18 pp.

CODEN: ALXXAP

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	AU 644468	B2	19931209	AU 1991-82527	19910819
	AU 9182527	A	19920220		
PRAI	AU 1990-1811	A	19900817		

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

=> d 17 2 kwic

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2011 ACS on STN

TI Colostrum preparation and storage.

AB Colostrum is ultrafiltered to remove its salt content and the ultrafiltered colostrum retentate is spray-dried. The colostrum is not treated with acid and with rennin or pepsin to sep. casein. A hollow fiber ultrafiltration apparatus is used. Ultrafiltration removes mos. of mol. weight <20,000, and removes lactose. The colostrum is pasteurized prior to ultrafiltration. The process further includes separating the colostrum into a light phase and a heavy phase, the light phase being discarded. The separation step takes place prior to. . .

ST colostrum prep storage

IT Colostrum
(preparation of, storage-stable)

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> set auhelp off; set smart off; set msteps off; set expand cont; set audit off;
del sel y

SET COMMAND COMPLETED

=> FILE CAPLUS,WPINDEX

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.43	54.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.87	-2.61

FILE 'CAPLUS' ENTERED AT 18:08:20 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS ('NCL') LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

Cplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S AU 9182527/PN,APPS

1 AU 9182527/PN
(AU9182527/PN)
0 AU 9182527/AP
0 AU 9182527/PRN
0 AU 9182527/APPS
(AU 9182527/AP,PRN)

L8 1 AU 9182527/PN, APPS

=> FILE INPADOCDB

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.60	62.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.61

FILE 'INPADOCDB' ENTERED AT 18:08:22 ON 21 JUL 2011
COPYRIGHT (C) 2011 European Patent Office / FIZ Karlsruhe

FILE LAST UPDATED: 14 JUL 2011 <20110714/UP>
14 JUL 2011 <20110714/ULS>
MOST RECENT DOCDB WEEK: 201128 <201128/EW>
FILE COVERS 1790 TO DATE.

>>> Updated PDF files in the following links:
http://www.stn-international.de/IdT_EPO.html
http://www.stn-international.de/ico_1107.html
http://www.stn-international.de/epc_1107.html
Supplement of all changed ECLA items:
[<<<](http://www.stn-international.de/ecla_1107s.html)
>>> FOR MORE INFORMATION AND FURTHER NEWS ABOUT INPADOCDB SEE:
[<<<](http://www.stn-international.de/details_inpadocdb.html)
>>> Copies of the INPADOCDB/INPAFAMDB manuals (February 2010) in
English or German see:
http://www.stn-international.de/inpadocdb_inpafdb_handbook.html
[<<<](http://www.stn-international.de/inpadocdb_inpafdb_handbuch.html)
>>> New EUROPEAN PATENT CLASSIFICATION THESAURI added to INPADOCDB
(fields /EPC and /ICO).
Please see HELP THESAURUS and HELP RCOde for more information.
- First page images added to INPADOCDB -
For further details see:
http://www.stn-international.com/inpadoc_news_201106.html

>>> Coverage of German bibliographic and legal status data is
delayed from week 25/2011. For more detailed information see
online news <<<

=> TRA L8 PN

L9 TRANSFER L8 1- PN : 2 TERMS
L10 1 L9

=>

=> S L10 AND US/PC

9755573 US/PC
L11 0 L10 AND US/PC

=> SEL PN

L11 HAS NO ANSWERS

=> S L10 AND ZA/PC

239957 ZA/PC
L12 0 L10 AND ZA/PC

=> SEL PN

L12 HAS NO ANSWERS

=> S L10 AND EP/PC AND EN/LA

2338882 EP/PC
7677403 EN/LA
L13 0 L10 AND EP/PC AND EN/LA

=> SEL PN

L13 HAS NO ANSWERS

=> S L10 AND WO/PC AND EN/LA

1907833 WO/PC
7677403 EN/LA
L14 0 L10 AND WO/PC AND EN/LA

=> SEL PN

L14 HAS NO ANSWERS

=> S L10 AND AU/PC

1140519 AU/PC
L15 1 L10 AND AU/PC

=> SEL PN

E1 THROUGH E2 ASSIGNED

=> S L10 AND CA/PC AND EN/LA

1876916 CA/PC
7677403 EN/LA
L16 0 L10 AND CA/PC AND EN/LA

=> SEL PN

L16 HAS NO ANSWERS

=> D SELECT

E1 1 AU644468/PN
E2 1 AU9182527/PN

=>
Do you want to retrieve bibliographic &
abstract data for these patent
numbers from the CAplus and WPINDEX files (Y/N)?

=> set auhelp login; set smart login; set msteps login; set expand login; set
audit login

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=> FILE CAPLUS, WPINDEX

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.81	86.69
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.61

FILE 'CAPLUS' ENTERED AT 18:08:41 ON 21 JUL 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jul 2011 VOL 155 ISS 4
FILE LAST UPDATED: 20 Jul 2011 (20110720/ED)
REVISED CLASS FIELDS (NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> SEA E1-E2

1 AU644468/PN
1 AU9182527/PN

L17 1 (AU644468/PN OR AU9182527/PN)

=> DISPLAY BIB ABS L17 total

THE ESTIMATED COST FOR THIS REQUEST IS 3.20 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2011 ACS on STN

AN 1994:190217 CAPLUS

DN 120:190217

OREF 120:33661a,33664a

TI Colostrum preparation and storage.

IN Whyte, Peter Bennett Duff

PA Minister of Agriculture, Australia

SO Pat. Specif. (Aust.), 18 pp.

CODEN: ALXXAP

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI AU 644468	B2	19931209	AU 1991-82527	19910819 <--
AU 9182527	A	19920220		

PRAI AU 1990-1811 A 19900817

AB Colostrum is ultrafiltered to remove its salt content and the ultrafiltered colostrum retentate is spray-dried. The colostrum is not treated with acid and with rennin or pepsin to sep. casein. A hollow fiber ultrafiltration apparatus is used. Ultrafiltration removes mols. of mol. weight <20,000, and removes lactose. The colostrum is pasteurized prior to ultrafiltration. The process further includes separating the colostrum into a light phase and heavy phase, the light phase being discarded. The separation step takes place prior to pasteurization.

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> d hist

(FILE 'HOME' ENTERED AT 17:46:16 ON 21 JUL 2011)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 17:46:29 ON 21 JUL 2011
SEA ULTRAFIL? AND COLOSTRUM AND CASEIN AND SPRAY(P)DR?

0*	FILE ADISNEWS
0*	FILE ANTE
0*	FILE AQUALINE
0*	FILE BIOENG
0*	FILE BIOTECHABS
0*	FILE BIOTECHDS
0*	FILE BIOTECHNO
2	FILE CAPLUS
0*	FILE CEABA-VTB
0*	FILE CIN
0*	FILE DDFU

FILE 'CAPLUS' ENTERED AT 17:59:35 ON 21 JUL 2011
FILE 'CAPLUS' ENTERED AT 17:59:46 ON 21 JUL 2011
FILE 'CAPLUS' ENTERED AT 18:00:26 ON 21 JUL 2011
L1 2 S ULTRAFIL? AND COLOSTRUM AND CASEIN AND SPRAY(P)DR?
L2 2 DUP REM L1 (0 DUPLICATES REMOVED)
FILE 'STNGUIDE' ENTERED AT 18:03:30 ON 21 JUL 2011
FILE 'CAPLUS' ENTERED AT 18:05:40 ON 21 JUL 2011
FILE 'STNGUIDE' ENTERED AT 18:05:40 ON 21 JUL 2011
FILE 'CAPLUS' ENTERED AT 18:06:53 ON 21 JUL 2011
L3 2 S L2
L4 0 S L3 AND IGF?
L5 0 S L3 AND IGF-1
L6 2 S L2
L7 2 S L2 AND CASEIN
SET NOTICE DISPLAY 1
SET AUHELP OFF
SET SMART OFF
SET MSTEPS OFF
SET EXPAND CONT
SET AUDIT OFF
DEL SEL Y
FILE 'CAPLUS' ENTERED AT 18:08:20 ON 21 JUL 2011
L8 1 S AU 9182527/PN,APPS
FILE 'INPADOCDB' ENTERED AT 18:08:22 ON 21 JUL 2011
FILE 'CAPLUS' ENTERED AT 18:08:22 ON 21 JUL 2011
L9 TRA L8 1- PN : 2 TERMS
FILE 'INPADOCDB' ENTERED AT 18:08:23 ON 21 JUL 2011
L10 1 SEA L9
L11 0 S L10 AND US/PC
L12 0 S L10 AND ZA/PC
L13 0 S L10 AND EP/PC AND EN/LA
L14 0 S L10 AND WO/PC AND EN/LA
L15 1 S L10 AND AU/PC
SEL PN
L16 0 S L10 AND CA/PC AND EN/LA
SET AUHELP LOGIN
SET SMART LOGIN
SET MSTEPS LOGIN
SET EXPAND LOGIN
SET AUDIT LOGIN
FILE 'CAPLUS' ENTERED AT 18:08:41 ON 21 JUL 2011
L17 1 SEA E1-E2
SET NOTICE LOGIN DISPLAY
=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS
F11. ESTIMATED COST
SINCE FILE
ENTRY
TOTAL
SESSION
11. 56
98. 25

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.87	-3.48

STN INTERNATIONAL LOGOFF AT 18:13:10 ON 21 JUL 2011

Connecting via Winsock to STN at pto-stn on port 23

Welcome to STN International! Enter x:X

LOGINID: ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1	OCT	11	Instructor-led and self paced STN learning resources available at https://cas.csod.com/Default.aspx?c=001
NEWS	2	APR	26	Expanded Swedish Patent Application Coverage in CA/Cplus Provides More Current and Complete Information
NEWS	3	APR	28	The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been enhanced with thesauri for the European Patent Classifications
NEWS	4	MAY	02	MEDLINE Improvements Provide Fast and Simple Access to DOI and Chemical Name Information
NEWS	5	MAY	12	European Patent Classification thesauri added to the INPADOC files, PCTFULL, GBFULL and FRFULL
NEWS	6	MAY	23	Enhanced performance of STN biosequence searches
NEWS	7	JUN	20	STN on the Web Enhanced with New Patent Family Assistant and Updated Structure Plug-In
NEWS	8	JUN	20	INPADOC databases enhanced with first page images
NEWS	9	JUN	20	PATDPA database updates to end in June 2011
NEWS	10	JUN	26	MARPAT Enhancements Save Time and Increase Usability
NEWS	11	JUL	25	STN adds Australian patent full-text database, AUPATFULL, including the new numeric search feature.
NEWS	12	AUG	01	CA Sections Added to ACS Publications Web Editions Platform
NEWS	13	AUG	16	INPADOC: Coverage of German Patent Data resumed, enhanced legal status
NEWS	14	AUG	18	Upgrade now to STN Express, Version 8.5
NEWS	15	SEP	01	CAS Journal Coverage Now Includes Ahead-of-Print Articles for More Than 100 Journal Titles
NEWS	16	SEP	01	Older Versions of STN Express to be Discontinued Beginning in March 2012
NEWS	17	SEP	09	USAN Database Updates Offer Superior Currency on STN(R)
NEWS	18	SEP	26	STN Adds Canadian Patent Full-text Database - CANPATFULL
NEWS	19	SEP	26	GEOREF and ENCOMPAT databases were reloaded on September 24, 2011.
NEWS	20	SEP	26	Updates to the IFIPIF/IFIUDB/IFICDB databases have resumed.
NEWS	21	SEP	26	ECLA Thesaurus in CA/Cplus Improves Patent Searching on STN
NEWS	22	SEP	26	Access AUPATFULL and CANPATFULL databases with STN Viewer
NEWS	23	OCT	26	New STN Revolutionizes Patent Searching for Professionals
NEWS	24	DEC	1	CA/Cplus Now Includes Examiner Citations for Japanese Patents
NEWS	25	DEC	1	CAS Expands Global Patent Coverage Intellectual Property Corporation of Malaysia Becomes 62nd Authority on CA/Cplus
NEWS	26	DEC	5	STN on the Web Enhancements Include Compatibility with

NEWS 27	DEC 14	Microsoft Windows 7
NEWS 28	DEC 15	Removal of ITRD and PATIPC databases from STN
		Rolled-up IPC Core Codes Removed from IPC Reclassifications in Patent Databases on STN
NEWS 29	JAN 12	Structure Graphics Have Been Added to Abstracts for MARPAT and CA/CAPlus on STN
NEWS 30	JAN 15	Online Access to Very Large Chemical Structure Images Enhanced on STN

NEWS EXPRESS 18 AUGUST 2011 CURRENT WINDOWS VERSION IS V8.5,
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2011.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS TRAINING Find instructor-led and self-directed training opportunities

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

EXTENDED STN MAINTENANCE DOWNTIME THIS WEEKEND -- SOME DATABASES MAY NOT BE AVAILABLE UNTIL 6 AM EST ON JANUARY 22.

FILE 'HOME' ENTERED AT 17:20:36 ON 19 JAN 2012

=> index bioscience
COST IN U.S. DOLLARS

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPE, CROPU, DDFB, DDFE, DGENE, DISSABS, DRUGCH, EMBAL, EMBASE, ESBTOBASE' ENTERED AT 17:20:49 ON 19 JAN 2012

56 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

```
=> s colostrum(p)retentate and ultrafilt? and growth(p)factors and casein
      0* FILE ADISNEWS
      0* FILE ANTE
      0* FILE AQUALINE
      0* FILE BIOENG
      0* FILE BIOTECHABS
      0* FILE BIOTECHDS
      0* FILE BIOTECHNO
      0* FILE CEABA-VTB
      0* FILE CIN
28 FILES SEARCHED...
```

```

0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
9 FILE USPATFULL
1 FILE USPAT2
51 FILES SEARCHED...
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

```

4 FILES HAVE ONE OR MORE ANSWERS, 56 FILES SEARCHED IN STNINDEX

L1 QUE COLOSTRUM(P)RETENTATE AND ULTRAFILT? AND GROWTH(P)FACTORS AND CASEIN

```

=> file uspatfull uspat2
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          3.70          3.94

```

FILE 'USPATFULL' ENTERED AT 17:23:50 ON 19 JAN 2012
 CA INDEXING COPYRIGHT (C) 2012 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 17:23:50 ON 19 JAN 2012
 CA INDEXING COPYRIGHT (C) 2012 AMERICAN CHEMICAL SOCIETY (ACS)

```

=> s 11          10 L1
L2

```

```

=> dup rem 12
PROCESSING COMPLETED FOR L2
L3          10 DUP REM L2 (0 DUPLICATES REMOVED)

```

=> d 13 1-10

```

L3 ANSWER 1 OF 10 USPATFULL on STN
AN 2011:204698 USPATFULL
TI METHODS OF IMMUNE OR HEMATOLOGICAL ENHANCEMENT, INHIBITING TUMOUR
FORMATION OR GROWTH, AND TREATING OR PREVENTING CANCER, CANCER SYMPTOMS,
OR THE SYMPTOMS OF CANCER TREATMENTS
IN Kanwar, Jagat Rakesh, Auckland, NEW ZEALAND
Krissansen, Geoffrey Wayne, Auckland, NEW ZEALAND
Sun, Xueying, Auckland, NEW ZEALAND
Palmano, Kay Patricia, Auckland, NEW ZEALAND
MacGibbon, Alastair Kenneth Hugh, Auckland, NEW ZEALAND
PA FONTERRA CO-OPERATIVE GROUP LIMITED, Auckland, NEW ZEALAND (non-U.S.
corporation)
PI US 20110182943      A1 20110728
AI US 2008-600208      A1 20080514 (12)
      WO 2008-NZ105          20080514
                          20091113 PCT 371 date
PRAI NZ 2007-555163      20070514
DT Utility
FS APPLICATION
LN.CNT 4826
INCL INCLM: 424/277.100
          INCLS: 424/535.000; 424/184.100; 514/558.000
NCL NCLM: 424/277.100
          NCLS: 424/184.100; 424/535.000; 514/558.000
IPC IPCI A61K0039-00 [I,A]; A61K0035-20 [I,A]; A61K0031-20 [I,A];

```

A61P0007-06 [I,A]; A61P0035-00 [I,A]; A61P0037-04 [I,A];
A61P0025-00 [I,A]
IPC R A61K0039-00 [I,A]; A61K0031-20 [I,A]; A61K0035-20 [I,A];
A61P0007-06 [I,A]; A61P0025-00 [I,A]; A61P0035-00 [I,A];
A61P0037-04 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 10 USPAT2 on STN
AN 2008:361558 USPAT2
TI High pressure processing of bioactive compositions
IN Carroll, Timothy Joseph, Palmerston North, NEW ZEALAND
Patel, Hasmukh Ambalal, Palmerston North, NEW ZEALAND
Gonzalez-Martin, Miguel Alejandro, Hamburg, GERMANY, FEDERAL REPUBLIC OF
Dekker, James William, Palmerston North, NEW ZEALAND
Collett, Michael Anthony, Palmerston North, NEW ZEALAND
Lubbers, Marc William, Melbourne, AUSTRALIA
PA Fonterra Co-Operative Group Limited, Auckland, NEW ZEALAND (non-U.S.
corporation)
PI US 8062687 B2 20111122
WO 2006096074 20060914
AI US 2006-908106 20060308 (11)
WO 2006-NZ39 20060308
20080206 PCT 371 date
PRAI NZ 2005-538671 20050308
NZ 2005-544408 20051223
DT Utility
FS GRANTED
LN.CNT 2576
INCL INCLM: 426/580.000
INCLS: 426/061.000; 426/601.000; 426/656.000; 426/657.000; 426/658.000
NCL NCLM: 426/580.000
NCLS: 426/061.000; 426/601.000; 426/656.000; 426/657.000; 426/658.000
IPC IPCI A61K0047-46 [I,A]
IPCI-2 A23C0007-00 [I,A]; A23C0023-00 [I,A]; A23J0001-00 [I,A]
IPCR A61K0047-46 [I,A]
EXF 426/61; 426/580; 426/601; 426/656; 426/657; 426/658

L3 ANSWER 3 OF 10 USPATFULL on STN
AN 2010:103931 USPATFULL
TI METHODS OF IMMUNE OR HAEMATOLOGICAL ENHANCEMENT, INHIBITING TUMOUR
FORMATION OR GROWTH, AND TREATING OR PREVENTING CANCER
IN Kanwar, Jagat Rakesh, Geelong, AUSTRALIA
Krisiansen, Geoffrey Wayne, Palmerston North, NEW ZEALAND
PI US 20100092497 A1 20100415
AI US 2007-520521 A1 20071221 (12)
WO 2007-NZ389 20071221
20091211 PCT 371 date
PRAI NZ 2006-552316 20061222
DT Utility
FS APPLICATION
LN.CNT 2994
INCL INCLM: 424/184.100
INCLS: 514/012.000
NCL NCLM: 424/184.100
NCLS: 514/001.100; 514/002.500
IPC IPCI A61K0038-40 [I,A]; A61K0039-00 [I,A]
IPCR A61K0038-40 [I,A]; A61K0039-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 10 USPATFULL on STN
AN 2009:53159 USPATFULL
TI COMPOSITIONS OF CIS-9, TRANS-11 CONJUGATED LINOLEIC ACID AND VACCENIC

ACID AND USES THEREOF

IN Kanwar, Rupinder Kaur, Geelong, AUSTRALIA
Krissansen, Geoffrey Wayne, Auckland, NEW ZEALAND
Black, Peter Nigel, Auckland, NEW ZEALAND
MacGibbon, Alastair Kenneth Hugh, Palmerston North, NEW ZEALAND
PA FONTERA CORPORATE RESEARCH AND DEVELOPMENT LIMITE, Auckland, NEW ZEALAND (non-U.S. corporation)
FONTERA LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)
AUCKLAND UNISERVICES LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)

PI US 20090048339 A1 20090219
AI US 2006-93307 A1 20061110 (12)
WO 2006-NZ289 20061110
20081013 PCT 371 date
20051110

PRAI NZ 2005-543486
DT Utility
FS APPLICATION
LN.CNT 1406
INCL INCLM: 514/560.000
NCL NCLM: 514/560.000
IPC IPCI A61K0031-201 [I,A]; A61P0011-08 [I,A]; A61P0011-06 [I,A];
A61P0011-12 [I,A]; A61P0017-00 [I,A]; A61P0017-06 [I,A]
IPCR A61K0031-201 [I,A]; A61P0011-06 [I,A]; A61P0011-08 [I,A];
A61P0011-12 [I,A]; A61P0017-00 [I,A]; A61P0017-06 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 10 USPATFULL on STN
AN 2008:361558 USPATFULL
TI High Pressure Processing of Bioactive Compositions
IN Carroll, Timothy Joseph, Palmerston North, NEW ZEALAND
Patel, Hasmukh Ambalal, Palmerston North, NEW ZEALAND
Gonzalez-Martin, Miguel Alejandro, Hamburg, GERMANY, FEDERAL REPUBLIC OF
Dekker, James William, Palmerston North, NEW ZEALAND
Collett, Michael Anthony, Palmerston North, NEW ZEALAND
Lubbers, Marc William, Palmerston North, NEW ZEALAND
PI US 20080317823 A1 20081225
US 8062687 B2 20111122
AI US 2006-908106 A1 20060308 (11)
WO 2006-NZ39 20060308
20080206 PCT 371 date
20050308

PRAI NZ 2005-538671
NZ 2005-544408 20051223
DT Utility
FS APPLICATION
LN.CNT 2512
INCL INCLM: 424/439.000
NCL NCLM: 426/580.000
NCLS: 426/061.000; 426/601.000; 426/656.000; 426/657.000; 426/658.000
IPC IPCI A61K0047-46 [I,A]
IPCI-2 A23C0007-00 [I,A]; A23C0023-00 [I,A]; A23J0001-00 [I,A]
IPCR A61K0047-46 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 10 USPATFULL on STN
AN 2008:190068 USPATFULL
TI High Pressure Processing of Metal Ion Lactoferrin
IN Palmano, Kay Patricia, Palmerston North, NEW ZEALAND
Carroll, Timothy Joseph, Palmerston North, NEW ZEALAND
Patel, Hasmukh Ambalal, Palmerston North, NEW ZEALAND
Gonzalez-Martin, Miguel Alejandro, Rellingen, GERMANY, FEDERAL REPUBLIC OF
Elgar, David Francis, Palmerston North, NEW ZEALAND

PA Fonterra-Co-operative Group Limited, Auckland, NEW ZEALAND (non-U.S.
corporation)
PI US 20080166466 A1 20080710
AI US 2006-908107 A1 20060308 (11)
WO 2006-NZ38 20060308
20080206 PCT 371 date
PRAI NZ 2005-538671 20050308
NZ 2005-544408 20051223
DT Utility
FS APPLICATION
LN.CNT 2292
INCL INCLM: 426/573.000
INCLS: 426/522.000; 426/580.000; 426/583.000
NCL NCLM: 426/573.000
NCLS: 426/522.000; 426/580.000; 426/583.000
IPC IPCI A23L0001-05 [I,A]; A23L0003-00 [I,A]; A23C0009-154 [I,A];
A23C0021-00 [I,A]
IPCR A23L0001-05 [I,A]; A23C0009-154 [I,A]; A23C0021-00 [I,A];
A23L0003-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 10 USPATFULL on STN
AN 2006:210496 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PA GTC-Biotherapeutics, Inc. (U.S. corporation)
PI US 20060179500 A1 20060810
AI US 2006-403633 A1 20060413 (11)
RLI Division of Ser. No. US 2002-137618, filed on 2 May 2002, PENDING
Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED
PRAI US 1998-89918P 19980619 (60)
DT Utility
FS APPLICATION
LN.CNT 1465
INCL INCLM: 800/014.000
INCLS: 800/021.000
NCL NCLM: 800/014.000
NCLS: 800/021.000
IPC IPCI A01K0067-027 [I,A]
IPCR A01K0067-027 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 10 USPATFULL on STN
AN 2003:252722 USPATFULL
TI Transgenic and cloned mammals
IN Echelard, Yann, Jamaica Plain, MA, UNITED STATES
Behbodi, Esmail, Shrewsbury, MA, UNITED STATES
Ziomek, Carol, Milford, MA, UNITED STATES
Gavin, William, Dudley, MA, UNITED STATES
Melican, David, Fiskdale, MA, UNITED STATES
PI US 20030177513 A1 20030918
AI US 2003-423792 A1 20030425 (10)
RLI Division of Ser. No. US 1999-431842, filed on 2 Nov 1999, PENDING
PRAI US 1998-106728P 19981102 (60)
US 1999-131328P 19990426 (60)
DT Utility
FS APPLICATION
LN.CNT 2675
INCL INCLM: 800/014.000
INCLS: 800/021.000

NCL NCLM: 800/014.000
NCLS: 800/021.000
IPC [7]
IPC1 A01K0067-027 [ICM, 7]
IPC2 A01K0067-027 [I,A]; A61K0038-00 [N,A]; C07K0014-81 [I,A];
C12N0015-85 [I,A]; C12N0015-877 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 10 USPATFULL on STN
AN 2003:5416 USPATFULL
TI Methods and vectors for improving nucleic acid expression
IN Meade, Harry M., Newton, MA, UNITED STATES
Echelard, Yann, Jamaica Plains, MA, UNITED STATES
PI US 20030005468 A1 20030102
AI US 2002-137618 A1 20020502 (10)
RLI Continuation-in-part of Ser. No. US 1999-336058, filed on 18 Jun 1999,
ABANDONED
PRAI US 1998-89918P 19980619 (60)
DT Utility
FS APPLICATION
LN.CNT 1548
INCL INCLM: 800/007.000
INCLS: 800/021.000; 800/015.000
NCL NCLM: 800/007.000
NCLS: 800/015.000; 800/021.000
IPC [7]
IPC1 A01K0067-027 [ICM, 7]
IPC2 A01K0067-027 [I,A]; C12N0015-63 [I,A]; C12N0015-85 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 10 USPATFULL on STN
AN. 2002:188153 USPATFULL
TI Method of treating colostrum
IN Ehsani, Neda, Espoo, FINLAND
Hemminki, Ari, Helsinki, FINLAND
PA Novatreat Oy, Turku, FINLAND (non-U.S. corporation)
PI US 6426109 B1 20020730
AI US 2000-577335 20000523 (9)
PRAI FI 1999-1186 19990525
DT Utility
FS GRANTED
LN.CNT 405
INCL INCLM: 426/580.000
INCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000
NCL NCLM: 426/580.000
NCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000
IPC [7]
IPC1 A23C0021-00 [ICM, 7]
IPC2 A23C0009-14 [I,A]; A23C0009-142 [I,A]; A23C0009-20 [I,A];
A23L0001-30 [I,A]; A61K0035-20 [I,A]; A61P0003-02 [I,A];
B01D0061-14 [I,A]; B01D0071-34 [I,A]
EXF 426/580; 426/583; 426/478; 426/490; 426/491; 210/634; 210/649; 210/650;
210/651; 530/365; 530/366

=> s 13 and spray(p)dry?
L4 2 L3 AND SPRAY(P) DRY?

=> d 14 1-2

L4 ANSWER 1 OF 2 USPATFULL on STN
AN 2009:53159 USPATFULL

TI COMPOSITIONS OF CIS-9, TRANS-11 CONJUGATED LINOLEIC ACID AND VACCENIC ACID AND USES THEREOF
IN Kanwar, Rupinder Kaur, Geelong, AUSTRALIA
Krissansen, Geoffrey Wayne, Auckland, NEW ZEALAND
Black, Peter Nigel, Auckland, NEW ZEALAND
MacGibbon, Alastair Kenneth Hugh, Palmerston North, NEW ZEALAND
PA FONTERRA CORPORATE RESEARCH AND DEVELOPMENT LIMITE, Auckland, NEW ZEALAND (non-U.S. corporation)
FONTERRA LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)
AUCKLAND UNISERVICES LIMITED, Auckland, NEW ZEALAND (non-U.S. corporation)
PI US 20090048339 A1 20090219
AI US 2006-93307 A1 20061110 (12)
WO 2006-NZ289 20061110
20081013 PCT 371 date
20051110
PRAI NZ 2005-543486
DT Utility
FS APPLICATION
LN.CNT 1406
INCL INCLM: 514/560.000
NCL NCLM: 514/560.000
IPC IPCI A61K0031-201 [I,A]; A61P0011-08 [I,A]; A61P0011-06 [I,A];
A61P0011-12 [I,A]; A61P0017-00 [I,A]; A61P0017-06 [I,A];
IPCR A61K0031-201 [I,A]; A61P0011-06 [I,A]; A61P0011-08 [I,A];
A61P0011-12 [I,A]; A61P0017-00 [I,A]; A61P0017-06 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 2 USPATFULL on STN
AN 2002:188153 USPATFULL
TI Method of treating colostrum
IN Ehsani, Neda, Espoo, FINLAND
Hemminki, Ari, Helsinki, FINLAND
PA Novatreat Oy, Turku, FINLAND (non-U.S. corporation)
PI US 6426109 B1 20020730
AI US 2000-577335 20000523 (9)
PRAI FI 1999-1186 19990525
DT Utility
FS GRANTED
LN.CNT 405
INCL INCLM: 426/580.000
INCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000
NCL NCLM: 426/580.000
NCLS: 426/478.000; 426/490.000; 426/491.000; 426/583.000
IPC [7]
IPCI A23C0021-00 [ICM,7]
IPCR A23C0009-14 [I,A]; A23C0009-142 [I,A]; A23C0009-20 [I,A];
A23L0001-30 [I,A]; A61K0035-20 [I,A]; A61P0003-02 [I,A];
B01D0061-14 [I,A]; B01D0071-34 [I,A]
EXF 426/580; 426/583; 426/478; 426/490; 426/491; 210/634; 210/649; 210/650;
210/651; 530/365; 530/366

=> d 14 2 kwic

L4 ANSWER 2 OF 2 USPATFULL on STN
SUMM . . . than milk produced later. Colostrum is, therefore, an excellent source of many valuable proteins, such as biologically active proteins like growth factors and especially immunoglobulins. The colostrum can, therefore, be used as a source of said valuable proteins e.g. in food or . . .
SUMM . . . substantially affect the proteins, but the filters rapidly foul. This is especially a problem with protein rich colostrum, where

the casein easily clogs the filters.

SUMM The problem with clogged filters has previously been solved by partially or completely removing casein from the colostrum, and/or by diluting the colostrum before filtration. Casein can be removed by either acid or enzymatic precipitation and centrifugation to obtain whey (U.S. Pat. No. 4,644,056 and GB 1,573,995). U.S. Pat. No. 5,670,196 discloses a method of microfiltrating colostrum, whereby defatted colostrum is first acidified to precipitate casein, which is removed by centrifugation, and then the whey is filtered through a charged depth filter to reduce the microorganism content. U.S. Pat. No. 5,707,678 is directed to a similar method, where casein is removed, after which the acidified whey is first ultrafiltered and then microfiltered. The main drawback of these methods is that large amounts of valuable antibodies and other proteins tend to precipitate together with the casein. In addition the removal of casein is a laborious, time consuming and expensive process. U.S. 5,147,548 discloses a method of sterile-filtering colostrum without previously removing the casein. The optionally defatted colostrum is acidified to a pH of less than 3.5. The casein precipitates at a pH of 5 to 4, but it returns into solution as the pH continues to drop. The . . . solution prior to acidifying. However, also this method has drawbacks. The immunoglobulins are easily inactivated at low pH. Further, the casein precipitation is not fully reversible resulting also in protein loss, and the dilution of the colostrum increases process time and. . .

SUMM . . . method thus enables effective reduction of the bioburden while retaining the maximum immunoglobulin activity, especially IgG. No previous precipitation of casein nor any dilution, or addition of salts/acids/bases or other chemicals are needed, and there is no temperature denaturation of the. . .

SUMM . . . proteins in question and optionally to remove salts. This can be done in a way known per se e.g. by ultrafiltration or reverse osmosis depending on the nature of the protein. It is finally possible to dry the filtered colostrum for example by lyophilization. Alternatively, the colostrum may be spray dried under controlled temperatures to avoid protein denaturation. The dried colostrum can either be e.g. encapsulated and used as such. . .

SUMM . . . free colostrum without substantial loss of valuable protein activities. Colostrum contains a lot of biologically active proteins such as hormones, growth factors, lactoferrin, bactericidal proteins and especially antibodies i.e. immunoglobulins of the classes IgG, IgA and IgM.

DETD
TABLE 2

Comparison of the results in colostrum, acid whey and cheese whey processes.
Flux IgG.sub. feed IgG.sub.permeate IgG.sub.retentate Permeability
Process material Dilution [1/m.sup.2h] [g/l] [g/l] [g/l] (C.sub.p/C.sub.f) %*

Colostrum no 29.4 26.5 25.2 27.8 95
Colostrum 1:5 72.3 5.4 5.1 5.7 95
Acid whey no 28.2 21.5 16.1 26.9 75
Acid whey 1:5 69.6 4.7 4.2 5.2 90
Cheese. . .

=> d hist

(FILE 'HOME' ENTERED AT 17:20:36 ON 19 JAN 2012)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,

DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 17:20:49 ON 19 JAN 2012
SEA COLOSTRUM(P)RETENTATE AND ULTRAFILT? AND GROWTH(P)FACTORS A

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
0* FILE PASCAL
9 FILE USPATFULL
1 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE COLOSTRUM(P)RETENTATE AND ULTRAFILT? AND GROWTH(P)FACTORS A

FILE 'USPATFULL, USPAT2' ENTERED AT 17:23:50 ON 19 JAN 2012

L2 10 S L1
L3 10 DUP REM L2 (0 DUPLICATES REMOVED)
L4 2 S L3 AND SPRAY(P)DRY?

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE	TOTAL
	ENTRY	SESSION
	19.74	23.68

STN INTERNATIONAL LOGOFF AT 17:25:50 ON 19 JAN 2012